

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **2007-020008**
 (43)Date of publication of application : **25.01.2007**

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|-------------|-------------|--------------|------------------|
| (51)Int.Cl. | H04J | 3/06 | (2006.01) |
| | H04L | 7/033 | (2006.01) |
| | H04B | 10/04 | (2006.01) |
| | H04B | 10/06 | (2006.01) |
| | H04B | 10/14 | (2006.01) |
| | H04B | 10/26 | (2006.01) |
| | H04B | 10/28 | (2006.01) |

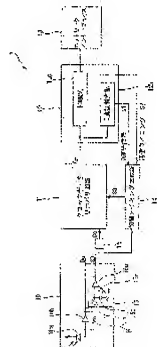
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(54) OPTICAL SIGNAL RECEIVER

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an optical signal receiver by which high speed switching can be carried out and stable communication which is hardly affected by noise, etc. can be carried out, while having simple circuit structure.

SOLUTION: In an optical communication system constituted so that a master unit can receive burst signals by light from slave units by time sharing by transmitting the burst signals to the master unit from the slave units within a communication time zone specified by the master unit while a plurality of slave units are connected to one optical fiber, the system is provided with: a clock data recovery part having a PLL circuit which selects a reference clock or the received burst signals and generates a clock locked to the selected signals; and a switching timing generation part which outputs a switching timing signal which makes the clock data recovery part switch selection from the reference clock to the received burst signals within the communication time zone.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than
the examiner's decision of rejection or
application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision
of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]